MVX35i Digital Video Camera

Canon

advanced simplicity®

The compact multimedia DV camera for high-quality video and stills.

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EXPERIENCE THE CANON DIFFERENCE

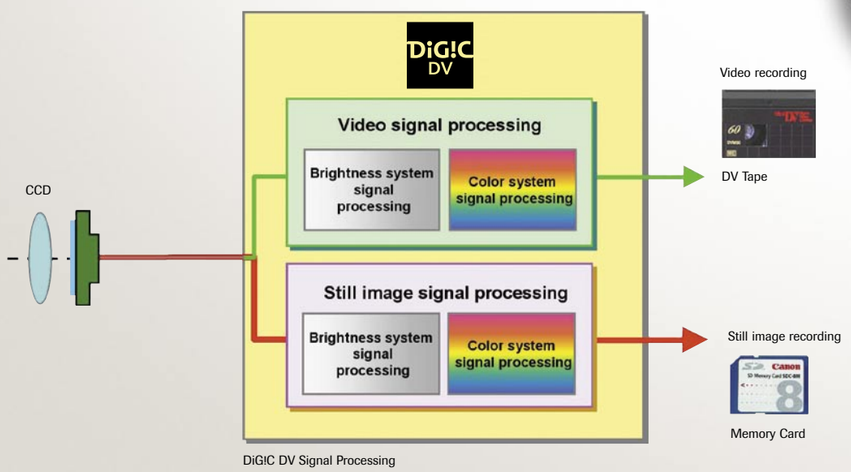
With Canon, the moment you watch video footage or hold a print in your hand, the difference is clear. That's because only Canon combines four features to achieve premium-quality video and photos: Genuine Canon Optics, a Megapixel CCD Image Sensor, DiG!C DV Imaging Sensor and a handy Print/Share button. This unleashes the full digital imaging power of your Canon camera, ensuring a superior level of clarity, colour, and excellence in video and photos.

HIGH-QUALITY MOVIES AND SUPERB 2.0 MEGAPIXEL STILL IMAGES

The robust 2.2 Megapixel CCD Image Sensor delivers superior performance and images with stunning quality. Enjoy footage with finer detail and resolution, or print and share great photos. Photos are recorded to an SD Memory Card at 1632 x 1224 pixels.

ENJOY TOP IMAGE QUALITY, IN BOTH VIDEO AND STILLS

The MVX35i's DiG!C DV Image Processor achieves outstanding video and photo performance. Since video and photos have different colour requirements, DiG!C DV utilises two different colour techniques, which maximise video quality on TV screens and still image quality for printing or computer monitors.



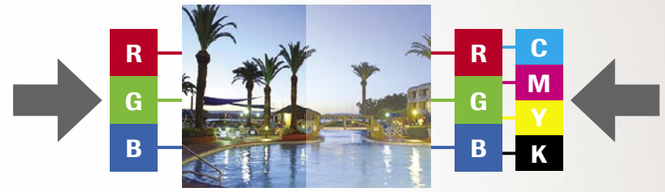
DiG!C DV Signal Processing

MAKE COMPOSITION AND VIEWING EVEN EASIER

Use the high-resolution 211,000 pixel 2.5" colour LCD screen to compose shots with ease – high or low angle shooting becomes a breeze. Alternatively, use the colour viewfinder in bright light or to conserve power. Once you've finished recording, the LCD screen makes viewing of your footage comfortable and crystal clear.

VIBRANT AND ACCURATE COLOUR

The MVX35i utilises an RGB Primary Colour Filter, which separates the light passing through into individual red, green and blue colour components (the same colour filtration used in professional 3CCD cameras). This gives richer, more vibrant and more accurate colour reproduction.



Canon's RGB Primary Colour Filter

Other's Complementary Colour Filter

FILM ROCK-STEADY FOOTAGE

Canon's innovative Image Stabilizer system instantly compensates for camera shake created when shooting hand-held, full telephoto, or on-the-move footage. In Canon's digital video cameras, Image Stabilizer technology is particularly effective while panning and zooming, making videos look steady and natural.

GET CLOSER TO THE ACTION WITH CANON GENUINE OPTICS

The key to achieving quality digital video footage lies in the optics used to capture them. Canon has a long-standing reputation for producing high-quality, professional optics. Canon's expertise in designing and crafting precision lenses for photography and broadcast TV lenses goes into every camera lens that is produced. The MVX35i's optical zoom (10x) delivers superb definition and contrast, while the digital zoom (200x) reveals details too small to see with the naked eye.

1x zoom

5x zoom

10x zoom

PRINT AND SHARE – SHOW OFF YOUR IMAGES QUICKLY AND EASILY

Print or download photos directly from the MVX35i, with just a single touch of a button. Simply connect the camera to one of the Canon CP Photo printers, a Canon Bubble Jet Direct Photo printer, or any PictBridge compatible printer and press the Print/Share button on the camera to print. Or connect your camera to your computer and with a single push you can download and share photos with friends and family.

Direct print without a computer

SHOOT WITH EASE IN ANY CONDITIONS USING AUTO EXPOSURE MODES

Auto mode is all you need, most of the time. But, for complex photographic situations, the Canon MVX35i has pre-programmed Auto Exposure modes such as: Sport, Portrait, Spotlight, and Surf/Sand & Snow.

Surf/Sand & Snow Auto Exposure mode

ENJOY GREATER CONTROL OVER CREATIVITY

The fully-automatic functionality of the MVX35i DV camera provides exceptional ease of use for first-time users. For more experienced users, manual controls such as Manual Focus, Exposure, White Balance and Shutter Speed allow you to push creativity and enhance results even further.

ENJOY THE FEATURES OF A DIGITAL STILL CAMERA WITH FULL PHOTOGRAPHIC CONTROL

The MVX35i offers selectable Focusing Points for bringing off-centre subjects into sharp focus. Its Continuous Shooting mode enables rapid fire shooting – up to 3 frames per second (1632 x 1224) or up to 5 frames per second (1280 x 960; 640 x 480). Simultaneous Photo Recording lets you capture email-ready digital photos (640 x 480) while you record video. With the press of a button, Auto Exposure Bracketing lets you shoot three photos – normal, underexposed and overexposed. The built-in flash with Red-Eye Reduction is perfect for taking photos at night, indoors, or filling in shadows.

THE RIGHT ILLUMINATION FOR ANY SHOOTING SITUATION

When in Night mode, the MVX35i automatically adjusts exposure and film sensitivity settings to bring more light into poorly lit environments, as well as retain colour. In Super Night mode, it automatically adds light to a dark scene using a high brightness LED light (Mini Video Light) on the front of the camera. In Night+ mode, this LED light can be turned off and on manually. A Mini Video Light, which is approximately 4x brighter than a conventional white LED, allows you to shoot up to 1.5 metres away in total darkness. It can be switched on in any Program mode. For shooting close-up subjects (less than 30cm away), the supplied Ring Light Adaptor provides even illumination and prevents shadows.

RECORD SHORT MOVIE CLIPS DIRECTLY TO MEMORY CARD

The MVX35i is both SD Memory Card and MultimediaCard compatible. This allows you to record movie clips in MPEG-4 format to the card. These mini-movies are ideal for attaching to an email or posting on the web. When using an SD Memory Card, you can record video for the full length of the card.

SHOOT WIDESCREEN FOOTAGE

To match today's popular widescreen TVs, the MVX35i can record high-resolution 16:9 video. Unlike systems which simply record a vertically stretched picture, the MVX35i uses the full width of the CCD, retaining image quality and providing a larger horizontal angle of view at the wide end.

16:9 Widescreen Mode

4:3 Normal Mode

GIVE YOUR MOVIES A CREATIVE EDGE

For a creative touch, a more appealing look, or greater imaging variety, switch on one of 18 digital effects such as: Faders, Art, Black & White Picture, Sepia, Mosaic, Ball, Cube, Wave, Colour Mask, and Mirror.

Black & White

Sepia

Mosaic

MOVIES WITH SUPERIOR SOUND AND MANUAL AUDIO CONTROL

The MVX35i offers two digital audio modes: 12 and 16-bit. 16-bit mode offers high-quality, CD-equivalent stereo sound, while 12-bit records four channels. A new function removes noise associated with strong wind, without any loss of audio quality. The MVX35i also comes with Manual Audio Control that allows you to adjust the audio level manually and monitor audio levels via the viewfinder and LCD screen.

EASY TRANSFER OF FOOTAGE TO YOUR COMPUTER

Once you've captured your images or your short movie clip, transferring them to your computer is easy. For fast and convenient download of footage from an SD memory card to a computer, use the in-built USB 2.0 Hi-speed terminal and the software provided. For high-speed transfer of video to a DV-compatible computer, use the IEEE1394-compliant DV terminal or the USB 2.0 Hi-speed terminal*. This allows you to edit scenes and create your very own high-quality movies.

*With Windows XP and Microsoft Movie Maker 2

CONVERT ANALOGUE INTO DIGITAL

Send an analogue video signal from a TV, VCR or a DV camera into any MVX35i camera and you can record it onto a DV tape. Alternatively, convert the analogue signal into a digital signal, for direct transfer to digital video devices or computers equipped with a DV terminal.

MAKE YOUR OWN HOME MOVIES

With the included VideoPresenter software, you can create professional looking home movies quickly and easily with audio, titles, effect and transitions using a DV equipped PC with Windows® XP or Windows® 2000.

Easy-to-use VideoPresenter software

USE YOUR CAMERA AS A WEBCAM

Use your Canon DV camera as a sophisticated webcam for live Internet Video Chatting using the supplied Canon DV Messenger2 software. All you need is Microsoft® Windows® XP Messenger and a USB or IEEE1394 terminal. You can control the zoom and focus, preview thumbnails, transfer photos and control the video playback of a remote DV camera or your own – all from your computer.

DV Messenger allows you to link up with another Canon DV camera user anywhere in the world

INCLUDED KIT COMPONENTS

Battery Pack NB-2LH, Ring Light Adaptor, Compact Power Adaptor CA-570, AC Cable, Wireless Controller WL-D84, Stereo Video Cable STV-250N, Interface Cable IFC-300PCU, SD Memory Card SDC-8M.

INCLUDED SOFTWARE

The **MVX35i** Kit includes the following software for image management:

- **ZoomBrowser EX** (Windows®) and **ImageBrowser** (Macintosh®) – Lets you download, browse, archive, and retouch photos easily.
- **DV Messenger2** – Lets you use your Canon DV Camera as a sophisticated webcam with Microsoft® Windows® through an IEEE1394 cable.
- **VideoPresenter** – Allows you to create professional-looking home movies quickly and easily using a DV equipped PC with Windows® XP or Windows® 2000.

OPTIONAL ACCESSORIES

Wide Converter WD-H30.5, Tele Converter TL-H30.5 and Filter Set FS-30.5U, Battery Packs NB-2L and BP-2L14, Battery Chargers CB-2LT, CB-2LE, Car Battery Charger CBC-NB2, Video Light VL-10Li (BP-900 series battery pack, charger and SA-1 Adaptor Bracket required), Soft Carrying Cases SC-2000 and SC-200, DV Cable CV-150F, CV-250F, Wrist Strap WS-20, Shoulder Straps SS-600 and SS-650.

TL-H30.5

WD-H30.5

VL-10Li

SC-2000

MVX35i Digital Video Camera Specifications

VIDEO SYSTEM
Mini DV/PAL

IMAGE SENSOR TYPE
1/3.4-inch interlaced CCD

SCAN TYPE
Interlace Scan

PIXELS (TOTAL/EFFECTIVE)
2,200,000/2,000,000 (on card); 1,770,000 (on tape)

LCD COLOUR SCREEN
2.5-inch/approx. 211,000 pixels

VIEWFINDER
0.33-inch TFT/approx. 113,000 pixels (colour)

LONG PLAY MODE
Yes

STILL IMAGE MODE
Yes (on tape and card)

IMAGE STABILIZER
Yes – Electronic Image Stabilizer

OPTICAL ZOOM
10x (on tape and card)

DIGITAL ZOOM
200x (on tape), 40x (on card)

LENS FOCAL LENGTH
4.7 – 47mm (40.7 – 407mm in 35mm format) on tape
4.7 – 47mm (38.3 – 383mm in 35mm format) on card

MAXIMUM APERTURE
f/1.8 (on tape and card)

MINIMUM FOCUSING DISTANCE
10mm (wide end) on tape and card

FILTER SIZE
30.5mm P0.5

AUTOFOCUS
TTL-type AF, manually adjustable

RECORDING PROGRAMS
Full Auto, Auto, Sports, Portrait, Spotlight, Surf/Sand & Snow, Low Light, Night, Night+ and Super Night mode

EXPOSURE METERING
Centre-bottom-weighted average and whole area average metering and 128-segment evaluative photometry (on tape); whole area average metering and 128-segment evaluative photometry (on card)

SHUTTER SPEEDS
8 levels – 1/50 – 1/2,000 sec. plus 1/12.5 sec in Low Light mode and 1/2-1/500 sec. in Night, Night+ and Super Night mode (on tape); 3 levels – 1/50 – 1/250 sec. plus 1/12.5 sec. in Low Light mode and 1/2-1/250 sec. in Night, Night+ and Super Night mode (on card)

AUTO WHITE BALANCE
TTL 128-segments

MINIMUM LUX
0.9 lux in Night mode

MAXIMUM SHUTTER SPEED
1/2,000 second

EXPOSURE COMPENSATION
Yes – ±11 levels, indicated by a number (EXP lock ±0) in the viewfinder

MEMORY CARD RECORDING
Yes – Still: JPEG → 1632 x 1224, 1280 x 960, 640 x 480 dots in Super Fine, Fine and Normal
Video: MPEG-4 → 352 x 288, 176 x 144 12.5 frames/sec

NUMBER OF RECORDED IMAGES (when using SDC-8M)
Still: from 3 – 84
Video: from 2 – 6 minutes (48KB – 16KB/sec)

MEMORY CARD COMPATIBILITY
MultimediaCard (MMC) and Secure Digital (SD)

DV TERMINAL
Yes – input and output, 4-pin connector compatible with IEEE 1394

OTHER TERMINALS
Microphone input, Headphone output, S terminal, AV terminal, USB 2.0 Hi-speed terminal, DC input

DIGITAL EFFECTS
Yes – Art, Black & White, Sepia, Mosaic, Ball, Cube, Wave, Colour Mask, Mirror (B&W only in card recording mode)

DIGITAL FADES
Yes – Auto (black fade), Wipe, Corner Wipe, Jump, Flip, Puzzle, Zigzag, Beam, Tide

RECORD SEARCH/REVIEW
Yes

AUDIO SYSTEM
PCM Stereo 16/12 bit

WIRELESS CONTROLLER
WL-D84

ADVANCED ACCESSORY SHOE
No

LED LIGHT
Yes

DIRECT PRINT CAPABILITY
Yes – to Canon CP Card Photo printers, selected Canon Bubble Jet Direct Photo printers and PictBridge compatible printers

POWER SUPPLY
7.4 volts DC (battery), 8.4 volts DC (DC in)

OPERATING TEMPERATURE
0-40° C, 85% humidity

DIMENSIONS (W x H x D)
53 x 107 x 101mm

WEIGHT
470g (body only)

OPERATING PLATFORMS
PC: Windows® 98, Windows® 98SE, Windows® ME, Windows® 2000, Windows® XP
MAC: Mac OS 9 or later

All data based on Canon's Standard Testing Methods. Subject to change without notice.

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